

AUDEOSB10P21

AUDIO SETS

Plug & Play Audio Sets



PRODUCT OVERVIEW

The AUDEO SB10P21 is a kit that will allow everybody to carry out an easy installation of a real professional 2.1 audio system: a stereo sound with a subwoofer reinforcement unit.

This kit contains:

- AUDEOSB10P21 loudspeaker cabinet: a self-powered 10" subwoofer unit combined with a built-in stereo amplifier that feeds satellite, full range loudspeakers
- Protection cover for connectors and local controls
- Wall panel control to adjust the set's volume remotely
- Speaker wire reel (50 meters), wall panel cable, screwdriver
- Quick installation guide, with a step-by-step detailed procedure

KEY FEATURES

- 10" powered subwoofer integrated in the cabinet, 150 WRMS
 - 2 x 150 WRMS stereo amplifier integrated in the cabinet, with Euroblock connectors for external speakers ("satellites")
 - Stereo audio input with RCA and Euroblock connectors
 - Adjustable subwoofer cut-off frequency: low-pass filter frequency between 100 and 150Hz
 - Subwoofer phase switch
 - MASTER VOL and SUB VOL level controls
 - 0-10VDC ports for volume remote control, compatible with the WPMVOL wall panel
 - ON / STANDBY, Signal Present, CLIP L and CLIP R indicators
- Recommended loudspeakers:
- AUDEO Series: allows up to 8 loudspeakers (4 per channel - global impedance = 2Ω)
 - eAMBIT Series: allows up to 8 loudspeakers (4 per channel - global impedance = 2Ω)

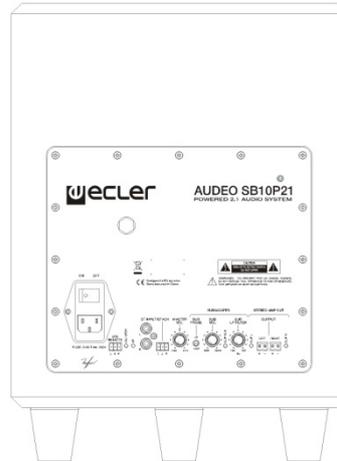
APPLICATIONS

- Retail shops
- Hotels, clubs, restaurants & bars
- Leisure, sport and health centres
- Multimedia presentations
- Museums and exhibitions
- Classrooms
- Meeting rooms
- Video-walls, screens, interactive
- AV marketing and digital signage

CERTIFICATIONS

- EN60065:2014
- EN55103-1:2009
- EN55103-2:2009
- 2006/95/EC
- 2004/108/CE

MECHANICAL DIAGRAMS



TECHNICAL DATA

STEREO INPUT		
Sensitivity	8Ω	
Nominal impedance	150W	
Master volume adjust	112dB	
STEREO AMPLIFIER OUTPUTS		
POWER (RMS, one channel driven, 10%THD)		
2Ω LOAD	119W	
4Ω LOAD	83W	
8Ω LOAD	51W	
POWER (RMS, one channel driven, 1%THD)		
2Ω LOAD	90W	
4Ω LOAD	66W	
8Ω LOAD	41W	
Frequency response (-3dB)	20Hz - 20kHz	
THD+Noise @ 1kHz Full Pwr	<0.2%	
Channel crosstalk @ 1kHz	>55dB	
Signal Noise Ratio	>75dB	
SUBWOOFER		
Driver	1x10" Bass	
Power output (RMS)	150W	
Maximum SPL (dB@1m)	112dB	
Crossover filter (-3dB)	Adjustable from 100 to 150Hz / 12dB oct.	
Frequency response (-3dB)	40Hz ÷ 100-150Hz (crossover filter adjust)	
Anticlip	Always active	
Volume Adjust	-∞ to Master Level	
ANALOG REMOTE		
Master volume	0-10V. based	
AUTO STAND-BY		
Time	2 minutes (aprox)	
Threshold	-40dBV (L&R)	
POWER AND DIMENSIONS		
Mains	115V or 230VAC 50-60Hz Factory adjusted	
Power consumption (pink noise, 1/8 power)	53VA	
Power consumption (pink noise, 1/3 power)	93VA	
Power consumption Standby	<5.4W	
Dimensions WxDxH	310x500x425mm	
Weight	13.55kg	

All product characteristics are subject to variation due to production tolerances. NEEC AUDIO BARCELONA S.L. reserves the right to make changes or improvements in the design or manufacturing that may affect these product specifications.
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